



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Date: 1/11/2021	Time: 1445	Location: Microsoft Teams
Meeting Called To Order: Bobby Hoge		

SIEC Membership & Participation

(X – Present; Blank – Absent; X-CC – Present via Conference Call)

1	Bump, Paul		WV Zone 1 Switch Agency
2	White, Byrd		WV Department of Transportation
3	Channel, Fred	CC	RIC 4 Chairman
4	Dooley, Lisa		WV Municipal League
5	Spence, Josh		WV Office of Technology
6	Zilinski, John	CC	RIC 5 Chairman
7	Miller, Jeffrey		WV Parkways Authority
8	Hart, Tom	CC	RIC 2 Chairman
9	Tatum, Mike	Proxy CC – Bob Hoge	WV E-911 Council
10	Cahill, Jan		WV State Police
11	Neal, David	CC	WV SWIC
12	McCallister, Roy	CC	RIC 1 Chairman
13	Hoyer, James	Proxy CC – Danny Kirby	WV National Guard
14	Stephens, Steve		WV Sheriff's Association
15	Piercy, Jennifer		WV County Commission Association
16	Polczynski, Jeff		RIC 3 Chairman
17	Mills, Michael		WV Health & Human Resources
18	Saffel, Dave	CC	APCO
19	Tyree, Ken	Proxy CC – Bobby Palmer	WV State Fire Marshal
20	Kirk, Thomas	Proxy CC – GE McCabe	WVDEM Director
21	Vargo, Lou		WV Zone 3 Switch Agency
22	Vititoe, Steve	CC	RIC 6 Chairman
23	Meadows, Dean		WV Emergency Management Council

Non-SIEC Board Members Present

(X – Present; Blank – Absent; X-CC – Present via Conference Call)

1	RC Faulk	CC	Assistant SWIC
2	Dustyn McConnel	CC	Harrison County EMS
3	Rodney Evans	CC	State Police
4	Tom Gagnon	CC	CISA/ECD
5	Dirk Burnside	CC	RIC 4
6	Bill Wood	CC	DEM Comms



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

7	Jim Mangus	CC	RIC1
8	Steve Antolini	CC	WV DNR
9	Tony Novell	CC	RIC2

Previous Minutes Reviewed and Approved

- **Motion:** **Dave Saffel**
- **Second:** **Fred Channel**
- **Motion:** **Passed**

Technical Committee Report – Dave Saffel

- Report from Frequency procurement
 - North Mountain (Berkeley) – No Report from Jeff Polczynski
- Programming – Current Versioning
 - Motorola **APX 22.00.03** - MEGA Firmware **21.64.00 (Except Consolettes)**
 - Motorola CPS 20.01.00 – Firmware 20.50.10
 - Kenwood – KPG-95DGN v 8.30 (10 Series) Firmware – 4.43 (v2) 6.14 (v3)
 - Kenwood – KPG-112DN V2.33 (20 Series) Firmware 2.21
 - Kenwood – KPG-D1N 4.31 (NX-5X00 & 30 Series)–Firmware 4.24
- System Manager Report
 - Stat's since cutover on the new system
 - Subscriber unit ID's in the system = 41,175
 - Talkgroups in the system = 3,924
 - Total Push-To-Talk transmissions = 24,501,520
 - Total busy = 20,441
 - Reliability percentage = 99.9%
 - As part of the upgrade, we will begin to roll out monthly Anti-virus and Microsoft updates. Direct Connect POC's have been advised and were told to test their credentials for Windows because a reboot will be required each month to implement the updates.
 - We also now have security monitoring for the system. This service from Motorola auto generates security incidents every time a user anywhere in the State types a password wrong on a device.
 - Morgan 911 and Kanawha 911 projects are still moving forward to come online as direct connect sites.
 - Awaiting the completion of a structural analysis for Glen Jean and then we can prepare to replace the Ubiquity link from Layland to Glen Jean with a true microwave. Already procured but cannot move forward according to contract until the Glen Jean SA is completed.
 - The DC power plant at Cabela's is nearing failure. David Neal working to secure emergency purchase replacement for that site.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- The original 45 microwave sites that were part of the Motorola order have been delivered to the sites and test checked out.
- The 61 additional microwave hops have arrived and are in storage at Poca. Aviat has 4 teams out in the field along with SIRN doing site surveys to support the upgrade.
- The 1gb upgrade for the 112-hop equipment is starting to arrive with additional gear still coming. Everything will stage at Poca as well.

- TDMA Channel ID #7 – Due to channel limitations when doing TDMA, it is necessary to add another Channel ID plan to cover the necessary channels. The new Channel ID will be #7. The starting point of this ID will be 460 MHz. All other settings will be the same as Channel ID #6. Some of the channels in use in Zone 3 were above what would be acceptable to Channel ID #6, and therefore we had to create #7. Recommended and Approved by the Technical Committee

- TDMA locations for Zones 1 & 2 – We had discussion regarding assignment of the 10 licenses for TDMA in our system. This would allow a transceiver to have TDMA capability that currently is FDMA only. Ten sites could be configured for one transceiver, giving two additional paths for TDMA where one FDMA channel path currently exists. All users would have to be TDMA to utilize this capability to its greatest efficiency, but we must start somewhere. As such, it is recommended that we consider the following sites recognizing that they can be modified in the future if necessary:
 - Weirton
 - Berkeley Springs
 - Blue Ridge
 - North Mountain (Berkeley)
 - Rotary
 - Barkers Ridge
 - Coal
 - Garfield
 - PK Mt.
 - Harmony

- RC Faulk has secured GTR radio's for use at the Wood County Belleville Site. John Davis will attempt to work up frequencies from the Lauttamus group for use there.

- Dave Neal reported that Lewis County is working to get the Weston site on the air. There is equipment that has been procured and/or delivered for both the RF side and Microwave part of this site. There are currently not frequencies for that site and some effort is going to have to be made to procure some.

- An application was filed with the FCC to provide a correct way to get a site near Catherine's back on the air. One was located called Klondike. All of the RF site equipment



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

has been put back on the air at Klondike and a Special Temporary Authorization (STA) was granted by the FCC for the four licensed channels at that site, and those channels are currently back on the air. Coverage seems to be pretty good.

- The chair of the technical committee believes that it might be wise to try do any future licensing of sites in the name of SIRN (Division of Emergency Management) to try to have continuity for the system and its licensing. Comments indicated that this would be a good direction to go in if possible, and future sites we will look at procuring licenses.
- There are several sites that need additional channels. We are going to begin trying to see if we can obtain original or additional channels for those sites. Currently, those sites are:
 - Catherine's
 - Belleville
 - Keeney

Important Technical Information

Channel ID Plan	3 FDMA No longer in use	4 FDMA	5 FDMA	6 TDMA	7 TDMA
Bandwidth	12.5 kHz	12.5 kHz	12.5 kHz	12.5 kHz	12.5 kHz
Transmit Offset Sign	+	+	+	+	+
Transmit Offset MHz	5 MHz	5 MHz	9 MHz	5 MHz	5 MHz
Channel Spacing	12.5 kHz	6.25 kHz	6.25 kHz	6.25 kHz	6.25 kHz
Base Frequency	453.025 MHz	450MHz	400 MHz	450MHz	460MHz

Important Kenwood Programming information (UPDATED 04/12/16):

Check Background Hunt and RSSI CC Hunt

BER = 4.0 (default)

Hunt Start Time (Hunt) = 300

Hunt Start Time (Idle) = Not changeable version 2

Acceptable RSSI Level = -108 (default)

Good RSSI = -88 (default)

LM1 = 0 (default)

Home RFSS = FE

Home Site = FE

(FE disables the radio from trying to look for a Home RFSS and Home)

PTT Release Hunt = unchecked

Hunt Option > Slot = 99 (insures all adjacent sites are searched)

Hunt Option > Sampling Rate = 7 (number of adjacent sites)



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

Policy and Procedures Committee Report – Rodney Evans

- Waiting on notes to be submitted

Training/Education/Outreach Committee Report – RC Faulk

- Will be offering an APX programmer class virtually on February 16, 2021 with a limit of 25 students. Dave Saffel will instruct and Dustyn McConnel will assist.
- West Virginia has been awarded a Virtual INTD Course that was originally supposed to be held in person prior to COVID. It will be February 22-26th. RC Faulk will prepare distribution materials.

Conference Committee Report – Jeff Perry

- Conference dates at Camp Dawson set for September 12 – 16, 2021. Note this is one week earlier than usual.
- Camp Dawson staff sent some preliminary financial information. The committee needs to review the material and ask additional questions of Camp Dawson prior to any further actions.

Planning Committee Report – Bobby Hoge

- Application update for Mon County to add Union Township PA for Mutual Aid
- Bobby Hoge received a call from a Clay County Commissioner inquiring on SIRN Service.
- Site Information
 - AEP indicated the Dingess site had the capability to hold a SIRN installation
 - No report on Richwood.
 - The power company is working on generator prep at the Horsepen site.
 - There is still work being done on the lease for a potential Gary site.
 - There is still a concern that CityNet will be connecting the West Union site.
 - Steve Yoho is meeting with the Wetzel County Commission to sign a tower grant for the Wileyville site.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Lease efforts are underway for the Princeton site to be followed by frequency procurement handled by Mercer County.
- Quoted pricing information has been received for East Liverpool Ohio and will follow up with Hancock County
- Mingo County will assist with the Gilbert Site

New & Emerging Technologies – Paul Bump

- Committee did not meet.
- DJ Sigman from ATT/FirstNet reported that there is a coming change for FirstNet users who receive automated e-mails from CAD and the like and how messaging services are going to be different as messaging is being moved from the customer core to the FirstNet core. Agencies who utilize this need to reach out to DJ for additional information.
- FirstNet will also be promoting the FirstNet PTT app which is different from the ATT Enhanced PTT.

RIC Region 1 Report – Roy McCallister

Kanawha, Clay, Putnam, Jackson, Roane, Calhoun, Ritchie, Wirt, Wood, and Pleasant

- Has not met since November. The next meeting is planned for January 21, 2021.

RIC Region 2 Report – Tom Hart

Hancock, Brooke, Ohio, Marshall, Wetzel, Tyler, Doddridge, Harrison, Marion, Monongalia, Preston, Taylor

- Did not meet in December 2020. Planning for a January meeting.

RIC Region 3 Report – Jeff Polczynski

Grant, Hardy, Hampshire, Berkeley, Jefferson, Mineral, Morgan

- No report.

RIC Region 4 Report – Fred Channel

Pocahontas, Pendleton, Webster, Randolph, Tucker, Barbour, Upshur, Braxton, Gilmer, Lewis

- Met on December 15, 2020 via a Zoom but did not have a quorum. Those who were present discussed the previous SIEC meeting.



West Virginia Statewide Interoperability Executive Committee Meeting Minutes

- Next meeting is planned for January 19, 2021.

RIC Region 5 Report – John Zilinski

Mercer, McDowell, Wyoming, Raleigh, Summers, Monroe, Greenbrier, Nicholas, and Fayette

- Did not meet in December.
- Plan to meet on January 14, 2021.

RIC Region 6 Report – Steve Vititoe

Cabell, Boone, Lincoln, Logan, Mason, Mingo

- Last met on December 10, 2020 and discussed the contents of the SIEC meeting minutes.
- Next meeting is February 10, 2021.

Business Conducted

Next meeting is planned for February 8, 2021.

Meeting adjournment.

- **Motion:** **Dave Saffel**
- **Second:** **Danny Kirby**
- **Motion:** **Passed**